Biology Teaching: A Scholarship

AMCBT 1992 Fall Meeting, Tentative Schedule
St. Xavier University
October 8-10, 1992

Thursday, October 8

6:00-8:00 p.m. REGISTRATION RECEPTION

8:00 p.m. OPENING SESSION
Welcome for AMCBT
Bob Wallace, Program Chair
Stanley D. Boyer and Sister Marion Johnson,
Local Arrangements Co-Chairs

WELCOME To Saint Xavier University
Ronald Champagne, President of the University

OPENING ADDRESS
Dorothy G. May, Park College
"Wild Life of Kenya"

9:30 p.m. Executive Committee Meeting

Friday, October 9

7:00 a.m. REGISTRATION

7:00-8:15 a.m. BUFFET BREAKFAST
(price included in registration)
Interest Groups by Discipline
8:15-9:15 a.m.  

CONCURRENT SESSION I

1. Cooperative Field Studies: A Practical Approach to Biology  
Norm Jensen & Ethel Stanley, Millikin University

2. Teaching Sexual Differentiation in Undergraduate Biology Classes  
Mark Roy, Beloit College

3. Teaching Cell Biology Labs from an Inquiry Approach  
Susan Speece, Anderson University

4. Beta, Beta, Beta Science Workshop for Girl Scouts  
Mary Haskins, Rockhurst College

5. Fractal Dimensions and Biological Levels of Organization  
Norman Woldow, Maryville University

6. Alternative Teaching Methods in the Vertebrate Physiology Lab:  
One Classroom Example & a Round Table Discussion  
Tom Davis, Loras College

9:15-9:40 a.m.  

COFFEE AND EXHIBITOR DISPLAYS

9:40-10:25 a.m.  

CONCURRENT SESSION II

1. Perspectives on Teaching: Ecology and Field Biology  
Malcolm Levin (Sangamon S.U.), Norman Jensen (Millikin Univ.),  
Wallace Weber (Southwest MO S.), Richard Wilson (Rockhurst Coll.),  
& Sr. Jeannene Yackey (Fontbonne Coll.)

2. Perspectives on Teaching: Ecology and Field Biology  Continued

3. Investigator - Driven Microbiology  
Frank Pascoe, College of St. Francis

4. Using Science Fiction Films to Teach Science  
Edward Kos, Rockhurst College

5. So You Think YOU Know What Time it is—  
Teaching Chronobiology in the lab  
Kathleen Marr, Lakeland College

6. Restricting Animal Use in Science Classes — Chapter II  
John Schrock, Emporia State University
10:25-10:45 a.m. **COFFEE AND EXHIBITOR DISPLAYS**

10:45-11:45 a.m. **KEYNOTE ADDRESS**

David Landsdale, Shedd Aquarium
"Temperate Rain Forest: Using Shedd Aquarium as a Teaching Resource"

12:00-1:30 p.m. **OPEN LUNCH & EXHIBITS**

1:30-5:00 p.m. Possible **FIELD TRIPS**, a charge is anticipated is anticipated for each.

1. Shed Aquarium $10.00 (includes admission & transportation)
2. Planatarium $4.75 (includes transportation only)
3. Field Museum $4.75 (includes transportation only)
4. Art Institute $4.75 (includes transportation only)

1:30 - 4:00 p.m. **WORKSHOP SESSIONS**

1. Teaching About Human Population Growth in Introductory Biology Courses
   Wallace R. Weber & Barbara K. Newman, Southwestern MO State

2. Simulated ABO and Rh Blood Typing Activity
   Rick Hightberger, Ward’s Natural Science Establishment

3. Does Writing about Biology Enhance Learning: Practical Aspects
   Randy Moore (Wright State University), Marc Roy (Beloit College), & Robert Wallace (Ripon College)

4. T. B. A.
   Harold Wilkinson, Millikin University

1:30 - 4:00 p.m. **POSTER SESSIONS**

1. Measuring Changes in Environmental Values
   Phyllis Kingsbury, Drake University

2. Videotape Introductions to Biology Labs
   Elizabeth R. Juergensmeyer, Judson College

3. Fractal Dimensions and Biological Levels of Organization
   Norman Woldow, Maryville University

4. An Interdisciplinary Research Course in Biochemistry and Cell Biology: Evolution Toward an Integrated Theme
   Margaret E. Stevens, Ripon College
6:00 p.m.  **OPEN BAR AND SOCIAL HOUR**

7:00 p.m.  **BANQUET**
(Price included in Registration)

8:30 p.m.  **BANQUET SPEAKER**
Randolph Krohmer, Saint Xavier University
"The Private Lives of Snakes"

9:30 p.m.  **CASH BAR AND SOCIAL HOUR**

**Saturday, October 10**

7:30-8:30 a.m.  **BALLOTING, COFFEE AND DONUTS**
Interest Groups by Discipline

8:30-9:30 a.m.  **CONCURRENT SESSION III**

1. **Limitations of Quantification in Biomedical Sciences**
   Richard J. Stevens, University of Wisconsin - Green Bay

2. **Identification of Common Birds**
   Neil B. Schanker, William Rainey Harper College

3. **Biology as Part of a Women's Studies Program**
   Jacqueline Scholar, Bellevue College

4. **Promoting Science as a Process to Elementary Education Majors in a Biology Department Laboratory Course**
   Rudolph Prins & Barbara Kacer, Western Kentucky University

5. **Bioethics: What are they and how can we teach the concept of ethics**
   Terry L. Derting, Beloit College

6. **Biology of Aging**
   William Buckley, Saint Xavier University

9:15-9:45 am  **COFFEE AND EXHIBITOR DISPLAYS**
9:45-10:45 a.m.  CONCURRENT SESSION IV

1. Characteristics of Scholarship for Teacher-Scholars
   Richard J. Stevens, University of Wisconsin-Green Bay

2. Identification of Birds of Prey
   Neil B. Schanker, William Rainey Harper College

3. Attitudes in Science — Could You Survive in Beirut?
   John Schrock, Emporia State University

4. Attrition Rates in Science, Math, and Engineering Students: What can we do about it?
   Richard E. Wilson and Anita Salem, Rockhurst College

5. AIDS: A Laboratory Approach
   John R. Jungck and Marion Field Fass, Beloit College

   Craig Zimmerman, Aurora University

11:00-12:30 p.m. BRUNCH (price included in registration fee)

BUSINESS MEETING

Reports:
Presidential Address - Cathy Hunt (Henderson Community College)
Election Results - Malcolm Levin
Bioscene - John R. Jungck, Susan Speece & Tim Mulkey
Executive Secretary Report - Ed Kos
Executive Committee Meeting following Brunch

SAINT XAVIER UNIVERSITY

Saint Xavier University is pleased to host the 1992 meeting of AMCBT. Saint Xavier serves the needs of a diverse student population. Our students are men and women, traditional age and adult, Catholic and other faiths. The enrollment is approximately 3900 students. Saint Xavier is the city's oldest college and now the newest university. On May 1, 1992, the college became officially Saint Xavier University. The Sisters of Mercy founded Saint Xavier College in 1846, inaugurating a remarkable tradition of quality higher education grounded in the liberal arts, academic freedom and the Catholic faith. The Science Department has over 100 majors, and has recently undergone extensive renovation. There are six full time biologists, five full time chemists, a physicist, a laboratory manager and two secretaries. We are looking forward to your visit and will be happy to show you our facilities.